

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation

105 South Forth Street, Artesia, NM 88210

Operator Address  
Kylie "AYV" No. 1 Unit letter K, Sec 13 -T23S-27E Eddy  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 025575 Property Code API No. 30-015-33173 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	UNDES Cass Draw Delaware oil		WILDCAT UNDES-Cass Draw Bone Spring oil
Pool Code	10410		96403
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4812'-5,760'		7,550'-7,608'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Not Completed yet.		
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New Zone		New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date:  Rates:	Date:  Rates:	Date: 2/25/2004 10 bopd Rates: 166 mcf/d
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Allocation % will be Submitted when completed	Oil Gas % %	Oil Gas Allocation % will be Submitted when completed

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Operations Engineer DATE 2/8/05

TYPE OR PRINT NAME James M. Hill TELEPHONE NO. ( 505 ) 748-4219

E-MAIL ADDRESS mhill@ypcnm.com

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
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PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

February 28, 2005

David Catanach  
State of New Mexico  
OIL CONSERVATION DIVISION  
1220 South Saint Francis Drive  
Santa Fe, NM 87505

Dear Mr. Catanach,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Cass Draw Delaware and the Undes. Cass Draw Bone Spring pools in our Kylie "AYV" No. 1 located in Unit letter K, of Section 13, Township 23 South, Range 27 East, in Eddy County, NM.

If you have any questions or need additional information, please call me at (505) 748-4219.

Sincerely,

James M. Hill (Mike)  
Operations Engineer

MH

Enclosures

The Cass Draw Delaware is a new zone and production curves are not available.

The Undes. Cass Draw Bone Spring is a new zone and production curves are not available.